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Application No.	Applicant(s)	_
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Examiner	Art Unit	
John S. Chu	1752	
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REASONS FOR ALLOWANCE

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1. The following is an examiner's statement of reasons for allowance: The claimed invention is drawn to the following:

1. (currently amended) A bistable molecule for a multiple electrode device, said multiple electrode device comprising at least one pair of electrodes that form at least one junction and at least one said bistable molecule connecting said pair of electrodes in said junction, said junction having a functional dimension in nanometers or micrometers, said bistable molecule including at least one photosensitive, photodecomposable functional group, wherein said bistable molecule comprises a main chain and at least one pendant group and wherein at least one photosensitive, photodecomposable functional group is attached either to said main chain or to said pendant group, said bistable molecule exhibiting bistability irrespective of the presence or absence of said at least one photosensitive, photodecomposable group.

None of the references of record disclose the now claimed bistable molecule having at least one photosensitive, photodecomposable functional group as claimed. The inventive step is in the now amended claim to include a photodecomposable group in a bistable molecule.

Accordingly, claims 1, 6, 8-15 are seen as allowable and passed to issue.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Chu whose telephone number is (571) 272-1329. The examiner can normally be reached on Monday - Friday from 9:30 am to 6:00 pm.

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If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Cynthia Kelly, can be reached on (571) 272-1526

The fax phone number for the USPTO is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PMR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John S. Chu

Primary Examiner, Group 1700

J.Chu September 30, 2006